

***Kids In-Micro-g! Student Experiment Design Challenge***  
***Experiment Proposal Submission Requirements***

NASA requires the following information be submitted for the Kids In-Micro-g! Student Experiment Design Challenge. Submissions will be accepted during the period of Monday, January 4, 2010 through 11:59 pm CST Friday, February 19, 2010.

All experiment proposals should be submitted as a Word or Power Point document and can be submitted via e-mail or postal mail to the following addresses:

[jsc-iss-payloads-helpline@mail.nasa.gov](mailto:jsc-iss-payloads-helpline@mail.nasa.gov) (Use "Kids in Micro-g! Experiment Proposal" in the subject line) or,  
Kids In Micro-g!

Office of Education, Code AD4  
NASA-Johnson Space Center  
2101 NASA Parkway  
Houston, TX 77058

All experiment proposals must be submitted by an adult teacher/educator on the behalf of their student group. The experiment proposal should be developed interactively with the teacher/educator and their student group. The following information is required from the adult teacher/educator:

Teacher/Educator Name

Grade level of the student group submitting the experiment proposal & the number of students in the group

School name and postal address

School contact phone number

School contact email address

Date of the last day of instruction for the 2009-2010 school year

Experiment proposals should be limited to more than 7 pages in length in either the Word or Power Point format. A font size of no smaller than 11 point (the size of this type) should be used. Hardcopy experiment proposals submitted by postal mail should provide text and graphics on one side only, for a submission length of no more than 7 total sheets. All experiment proposals should include photographic documentation of the proposed experiment in its fully set up configuration, as part of the 7 page total document length.

The following details must be contained in the experiment proposal:

- 1) Subject of the experimental investigation
- 2) Hypothesis of the expected outcome in the classroom and onboard the International Space Station (ISS)
- 3) Step-by-Step experiment procedure, to be written for use by the ISS Astronauts. The procedure must include the following information:
  - a. Experiment assembly and set up instructions (only using items from the Kids In Micro-g materials list)
  - b. Instructions for running the experiment
  - c. Instructions for experiment take down
  - d. Instructions for data gathering and recording during the experiment run
  - e. Instructions for data analysis
- 4) Conclusions:
  - a. Observed from experiment runs in the class room
  - b. Expected results from the experiment when conducted onboard the ISS
- 5) Observed in-class-room time for actual experiment setup, experiment run and experiment take down, using the exact step-by-step procedures provided in 3) above.
- 6) References used for experiment development

By submitting the experiment proposal, the adult teacher/educator is certifying that all data submitted is accurate. Questions regarding Kids In Micro-g! experiment proposal submissions can be addressed to the above email or postal mail addresses.